



SPYWOLF

Security Audit Report



Completed on
August 29, 2022

MADE IN USA 

 @SPYWOLFNETWORK

 @SPYWOLFNETWORK

 SPYWOLF.CO



OVERVIEW

This audit has been prepared for **Zombie Nation** to review the main aspects of the project to help investors make make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





TABLE OF CONTENTS

| | |
|--------------------------------|-------|
| Project Description | 01 |
| Contract Information | 02 |
| Current Stats | 03-04 |
| Featured Wallets | 05 |
| Vulnerability Check | 06 |
| Threat Levels | 07 |
| Found Threats | 08 |
| Good Practices | 09 |
| Tokenomics | 10 |
| Team Information | 11 |
| Website Analysis | 12 |
| Social Media & Online Presence | 13 |
| About SPYWOLF | 14 |
| Disclaimer | 15 |



Zombie Nation



PROJECT DESCRIPTION

According to their website:

Zombie Nation will be play to earn/move to earn game which in future can be accessed by mobile or PC app.

Users can earn reward by walking / running / cycling / driving. There will also be ingame NFT assets like weapons and land.

Release Date: Launch on September 10, 2022

Category: Play to earn/Move to earn



CONTRACT INFO

Token Name
Zombie Nation

Symbol
ZOMBN

Contract Address

0x46Be67D6b12A3BbEB0d5E9aFD1F42599850F836E

Network

Binance Smart Chain

Language

Solidity

Deployment Date

August 23, 2022

Verified?

Yes

Total Supply

100,000,000

Status

Not launched

TAXES

Buy Tax
3.5%

Sell Tax
3.5%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



CURRENT STATS

(As of August 29, 2022)



Liquidity

Not added yet



Burn

No burnt tokens

Status:
Not Launched!

MaxTxAmount
No limit

DEX:
PancakeSwap

LP Address(es)

Liquidity not added yet



TOKEN TRANSFERS STATS

| | |
|-------------------------|-----------------|
| Transfer Count | 1 |
| Uniq Senders | 1 |
| Uniq Receivers | 1 |
| Total Amount | 100000000 ZOMBN |
| Median Transfer Amount | 100000000 ZOMBN |
| Average Transfer Amount | 100000000 ZOMBN |
| First transfer date | 2022-08-23 |
| Last transfer date | 2022-08-23 |
| Days token transferred | 1 |

SMART CONTRACT STATS

| | |
|-----------------------|--|
| Calls Count | 3 |
| External calls | 3 |
| Internal calls | 0 |
| Transactions count | 3 |
| Uniq Callers | 1 |
| Days contract called | 2 |
| Last transaction time | 2022-08-27 21:08:50 UTC |
| Created | 2022-08-23 09:52:52 UTC |
| Create TX | 0xd2fc533e706679a93bf62efc99ec638b43b276b665637e51748378b38d05451e |
| Creator | 0x9de94707417fc21bd603db7e05a92b631656a89f |



FEATURED WALLETS

| | |
|-----------------|--|
| Owner address | 0x9de94707417fc21bd603db7e05a92b631656a89f |
| Charity address | 0x62fac65ed248f1aa052ac2311525a0ae990cd8cd |
| LP address | Liquidity not added yet |

TOP 3 UNLOCKED WALLETS

1



Same as owner



VULNERABILITY CHECK

| | |
|--|--------|
| Design Logic | Passed |
| Compiler warnings. | Passed |
| Private user data leaks | Passed |
| Timestamp dependence | Passed |
| Integer overflow and underflow | Passed |
| Race conditions and reentrancy. Cross-function race conditions | Passed |
| Possible delays in data delivery | Passed |
| Oracle calls | Passed |
| Front running | Passed |
| DoS with Revert | Passed |
| DoS with block gas limit | Passed |
| Methods execution permissions | Passed |
| Economy model | Passed |
| Impact of the exchange rate on the logic | Passed |
| Malicious Event log | Passed |
| Scoping and declarations | Passed |
| Uninitialized storage pointers | Passed |
| Arithmetic accuracy | Passed |
| Cross-function race conditions | Passed |
| Safe Zeppelin module | Passed |
| Fallback function security | Passed |



THREAT LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ Medium Risk

Owner can set buy/sell fees up to 25% (combined buy+sell=50%).

```
function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
    _taxFee = taxFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}

function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}
```

- Recommendation:
 - Considered as tax deduction practice is buy and sell fees combined not to exceed 25%



RECOMMENDATIONS FOR

GOOD PRACTICES

1

Consider fundamental tradeoffs

2

Be attentive to blockchain properties

3

Ensure careful rollouts

4

Keep contracts simple

5

Stay up to date and track development

Zombie Nation

GOOD PRACTICES FOUND

- ✓ The owner cannot mint new tokens after deployment
- ✓ The owner cannot stop or pause the contract
- ✓ The owner cannot set a transaction limit
- ✓ The smart contract utilizes "SafeMath" to prevent overflows



*There is no information about the initial tokens distribution based on the project's social media and website. ⚠

TOKENOMICS



THE TEAM

The team has privately doxxed to SPYWOLF by completing the following KYC requirements:

- ID Verification
- Video statement
- Video interview with devs
- Owner's wallet verification

KYC INFORMATION

Issuer

SPYWOLF

Members KYC'd



KYC Date

June 24, 2022

Format

NFT

Certificate Link

https://github.com/SpyWolfNetwork/KYCs/blob/main/june/KYC_Zombie_Nation_0xC4ab17d05561011f84e47D25FB234fF09B3106a7.png





WEBSITE

Website URL

<https://www.zombienationgaming.net/>

Domain Registry

<http://www.wix.com>

Domain Expiration

2024-06-14

Technical SEO Test

Passed

Security Test

Passed. SSL certificate present

Design

Single page, template design, appropriate color scheme and graphics.

Content

Informative, helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper

Well written, explanatory.

Roadmap

Yes, goals set at 4 phases without time frames.

Mobile-friendly?

No



zombienationgaming.net

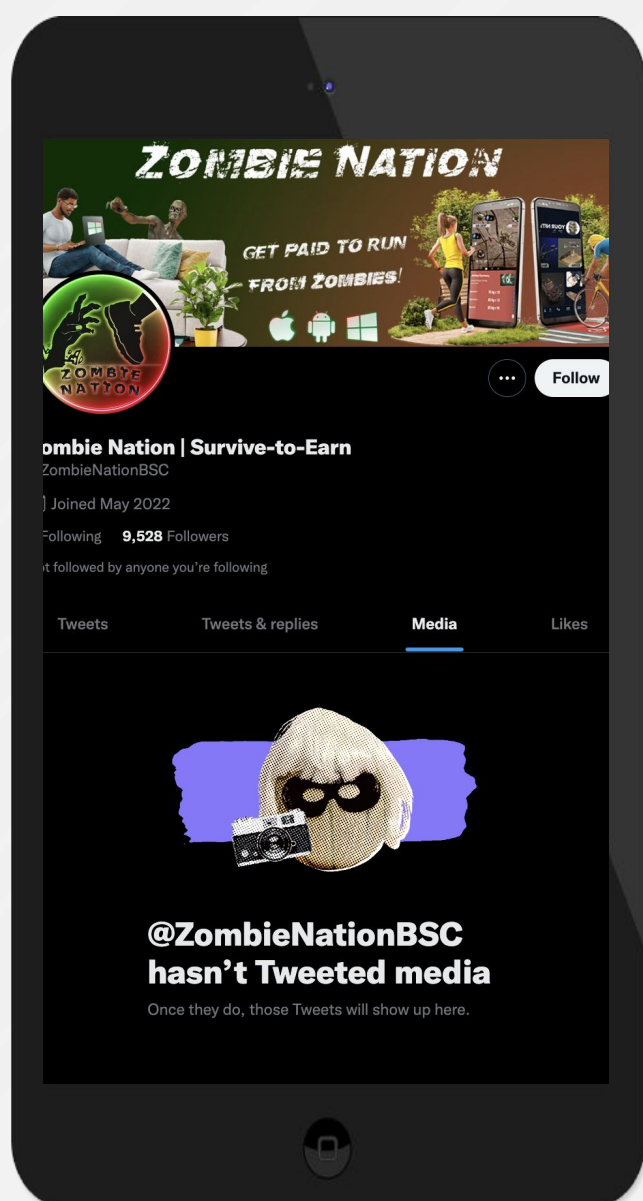


SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS

Project's social media accounts are heavily botted and there are no active discussions between members



Twitter

<https://twitter.com/zombieNationBSC>

- 8 853 Followers, botted ⚠️
- No posts ⚠️



Discord

- Not available



Telegram

<https://t.me/ZombieNationOfficial>

- 11 463 members, botted ⚠️
- No active members ⚠️
- No active mods ⚠️



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

- ✓ OVER 150 SUCCESSFUL CLIENTS
- ✓ MORE THAN 500 SCAMS EXPOSED
- ✓ MILLIONS SAVED IN POTENTIAL FRAUD
- ✓ PARTNERSHIPS WITH TOP LAUNCHPADS, INFLUENCERS AND CRYPTO PROJECTS
- ✓ CONSTANTLY BUILDING TOOLS TO HELP INVESTORS DO BETTER RESEARCH

To hire us, reach out to
contact@spywolf.co or
t.me/joe_SpyWolf

FIND US ONLINE



[SPYWOLF.CO](https://spywolf.co)



[SPYWOLF.NETWORK](https://spywolf.network)



[@SPYWOLFNETWORK](https://t.me/SPYWOLFNETWORK)



[@SPYWOLFOFFICIAL](https://t.me/SPYWOLFOFFICIAL)



[@SPYWOLFNETWORK](https://twitter.com/SPYWOLFNETWORK)



[@SPYWOLFNETWORK](https://github.com/SPYWOLFNETWORK)



Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

DISCLAIMER:

By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice.

No one shall have any right to rely on the report or its contents, and SpyWolf and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (SpyWolf) owe no duty of care towards you or any other person, nor does SpyWolf make any warranty or representation to any person on the accuracy or completeness of the report.

The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and SpyWolf hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, SpyWolf hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against SpyWolf, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. The analysis of the security is purely based on the smart contracts, website, social media and team.

No applications were reviewed for security. No product code has been reviewed.